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<b>Site Visit Report</b>	Project: <b>Faizabad Park and Parking Lot Project</b>
Location: <b>Faizabad New City, Badakhshan Province</b>	Coordinates: Latitude: <b>N 37°6'49.0679"</b> Longitude: <b>E 70°34'0.4739"</b>
Inspection Date: <b>November 16, 2013</b>	Weather: <b>Sunny, Temp @ 5°C, No Precipitation</b>
Inspectors: 	Status: <b>Incomplete</b>

#### PRESENTED TO

United States Agency for International Development (USAID)  
Office of Economic Growth and Infrastructure (OEGI)

#### RampUP-North

Great Massoud Road  
Kabul, Afghanistan



Date: **2/26/2014**

Title: **Deputy Chief of Party**

#### PRESENTED BY

Tetra Tech, Inc.  
Afghanistan Engineering Support Program  
Contract No. EDH-I-00-08-00027-00  
Task Order No. 1

#### Work Order WO-LT-0009 AMD #5

Shash Darak  
Kabul, Afghanistan

### EXECUTIVE SUMMARY

The reconstruction of Faizabad Park and construction of the parking lot project is located in District #5 of Faizabad New City, Badakhshan Province. This project includes renovation of an existing recreational park and construction of a new 1080 square meter parking lot, drilling of water well, and installation of chairs for visitors, placement of mosaic tiles on sidewalks, gazebos, and construction of a water fountain. This project is funded by USAID/RC-North and a portion is funded by Faizabad Municipality for the greenery of the park and construction of the parking lot.

On November 16, 2013, two engineers from Tetra Tech (Tt) Afghanistan Engineering Support Program (AESP) reviewed the provided project documentation for the Faizabad Park and Parking Lot project. The engineers traveled to Faizabad New City to evaluate the visible completed works. Tt has determined that USAID's portion of the construction work for the Faizabad Park and parking lot is in progress but incomplete. The USAID's contractor remaining work consists of drilling of new water well in the park, provision, and installation of a submersible water pump, and provision of a five (5) kilo watt generator in the park. Tt has also determined Faizabad Municipality's portion of the construction work for the renovation of the park and construction of a parking lot is complete.

#### DISCLAIMER

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

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This report was prepared for the United States Agency for International Development, Contract No. EDH-I-00-08-00027-00, Task Order 01, Afghanistan Engineering Support Program.

## 1.0 INTRODUCTION

The reconstruction of Faizabad Park and construction of the parking lot project is located in District #5 of Faizabad New City. This project includes renovation of an existing recreational park and construction of a new 1080 square meter parking lot, drilling of water well, installation of chairs for visitors, mosaic tiles in sidewalks, gazebos, and construction of a water fountain. This project is funded by USAID/RC-North and with a portion funded by Faizabad Municipality.

Construction of parking lot and renovation of the existing park is funded by USAID. The greenery works are the responsibility of Faizabad Municipality.

The direct beneficiaries of the park and parking lot are the citizens (9,340 people) of Faizabad City; the indirect beneficiaries would be all citizens from other districts of the Badakhshan province.

## 2.0 SITE VISIT

Two engineers from Tt reviewed the provided project documentation for the Faizabad Park and parking lot project and traveled to Faizabad City on Nov 16, 2013 to evaluate the visible completed works. The provided project documentation included site plan, sections, details, piping system (Appendix A) and project proposal (Appendix B). Tt engineers were accompanied by DAI site engineer (Sara) during site evaluation. Findings of this site observation documented in this report, include photos provided in the Figures section on pages 04 to 13.

## 3.0 SITE VISIT DETAILS: USAID RESPONSIBILITY

Regarding the USAID funded portion of works, the following was observed:

1. Construction of Mosaic tiles on sidewalks for both portions of the park is complete, however less than half of the sidewalks in second portion of the park are paved with Plain Cement Concrete (PCC). According DAI engineer there was only 1000 square meter Terrazzo stones in the bill of quantity (BoQ) for both portions of the park, which was not sufficient to pave the remainder of the sidewalk. Therefore, it was paved with PCC concrete due to the lack of Terrazzo stones in BoQ. (Figures 1, 2, 3, 4, 5, 6 and 7)
2. Construction of generator room near the water well is completed per the plan. (See Figure 10)
3. Constructions of Reinforcement Concrete Cement (RCC) for water reservoirs (water storage) with all requirements for both portions of the Faizabad Park are complete. (Figures 11, 12 and 13)
4. Construction and installation of gazebos, benches, and round tables are complete per the plan and specs. (See Figure 15)
5. Construction of water fountain is complete per the plan. (Figure 14)
6. Installation of water pressure outlet for the watering of greenery is complete. (See Figure 16)
7. Construction of boundary wall for the parking lot includes stone masonry, brick masonry, fence installation, and fence painting for all three (3) sides of the parking lot is complete per the plan. (Figures 17 and 18)
8. Installation of 4x2 square meter steel gate with all related activities for parking lot is complete. (Figure 19)
9. Installation of a 6000-liter overhead water tank with all other related parts, accessories, and supports is complete per the plan. (Figures 8 and 9)
  - a. **Deficiency:** The tank was built right over of the sidewalk.
10. Due to drilling failure for water well, the connection of water tank to the water well is incomplete.
  - a. **Remaining work:** The contractor is required to drill the water well in another location of the park.
11. Due to drilling failure for water well, the provision and installation of 5-kilo watt Japanese petrol generator and 1.25 inch Italian water pump are incomplete.
  - a. **Remaining work:** The contractor is required to provide and install the generator and a water pump per specifications.

Based on above summary, Tt has determined USAID's portion of the construction work for the Faizabad Park and parking lot is in progress, but incomplete. The USAID's contractor remaining work consists of drilling of new water well in another location of the park, provision and installation of a water pump and a five (5) kilo watt generator in the park.

#### 4.0 SITE VISIT DETAILS: FAIZABAD MUNICIPALITY RESPONSIBILITY

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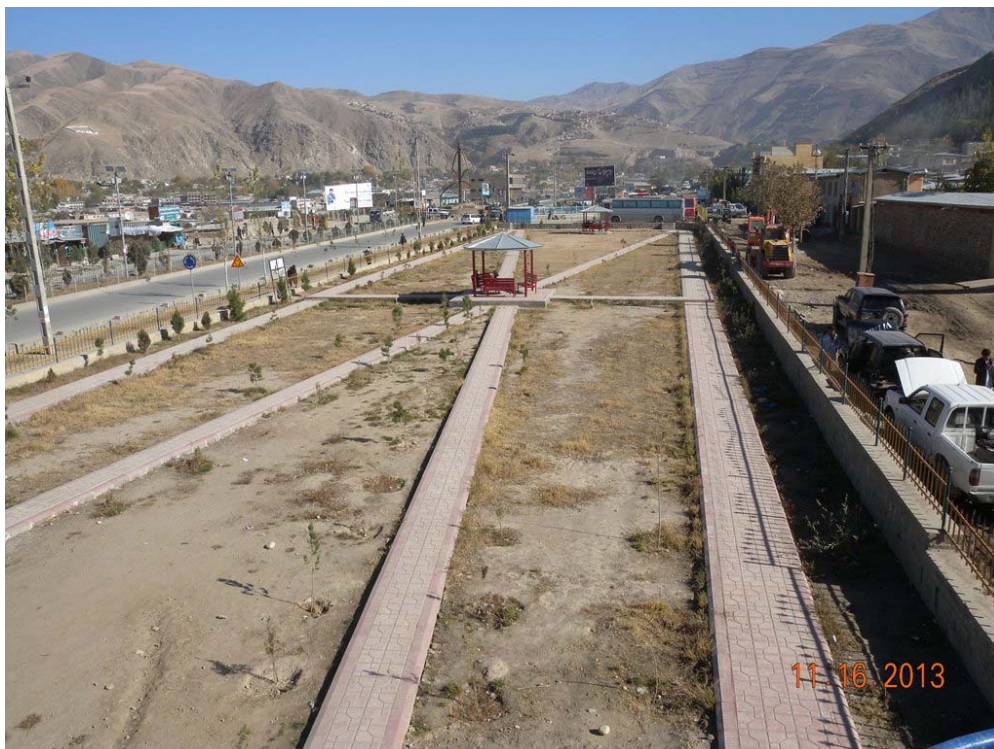
Regarding the Faizabad Municipality funded portion of works, the following was observed:

1. Greenery of the park including planting of trees, flowers and other plants are complete.  
(Figures 2, 3, 4 and 5)

Based on the above summary, Tt has determined Faizabad Municipality's portion of the construction work for the renovation of the park and construction of a parking lot is complete.



## FIGURES



**Figure 1.** View of the Faizabad Park, Section #1



**Figure 2.** Faizabad Park View, Section #2



**FIGURES (CONTINUED)**

**Figure 3.** Mosaic Tiles on Section #2 Sidewalk



**Figure 4.** Mosaic Tiles on Section #2 Sidewalk



**FIGURES (CONTINUED)**

**Figure 5.** Mosaic Tiles on Section #1 Sidewalk



**Figure 6.** Section #2 PCC Sidewalk, Faizabad Park



**FIGURES (CONTINUED)**

**Figure 7.** PCC Sidewalk Construction Joint, Faizabad Park



**Figure 8.** Installed Water Tank in Section#1, Faizabad Park



**FIGURES (CONTINUED)**

**Figure 9.** Water Tank - Columns Foundation



**Figure 10.** Generator Room

**FIGURES (CONTINUED)**

**Figure 11.** Constructed Water Reservoir



**Figure 12.** Installed Inlet in Water Reservoir



**FIGURES (CONTINUED)**

**Figure 13.** Installed Outlet in Water Reservoir



**Figure 14.** Constructed Water Fountain

**FIGURES (CONTINUED)**

**Figure 15.** Installed Gazebo and Audience Benches



**Figure 16.** Water Pressure Outlet for Greenery Purpose of the Park



**FIGURES (CONTINUED)**

**Figure 17.** PCC Paved Parking Lot beside Faizabad Park



**Figure 18.** Constructed Drainage - West Side of the Parking Lot



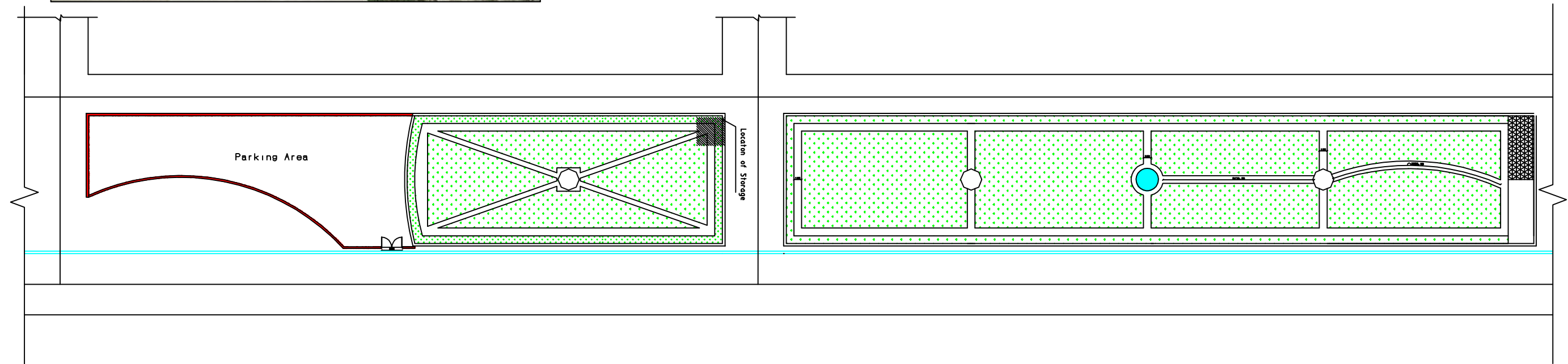
**FIGURES (CONTINUED)**

**Figure 19.** Installed Main Entrance Gate for Parking Lot

## APPENDIX A – DRAWINGS

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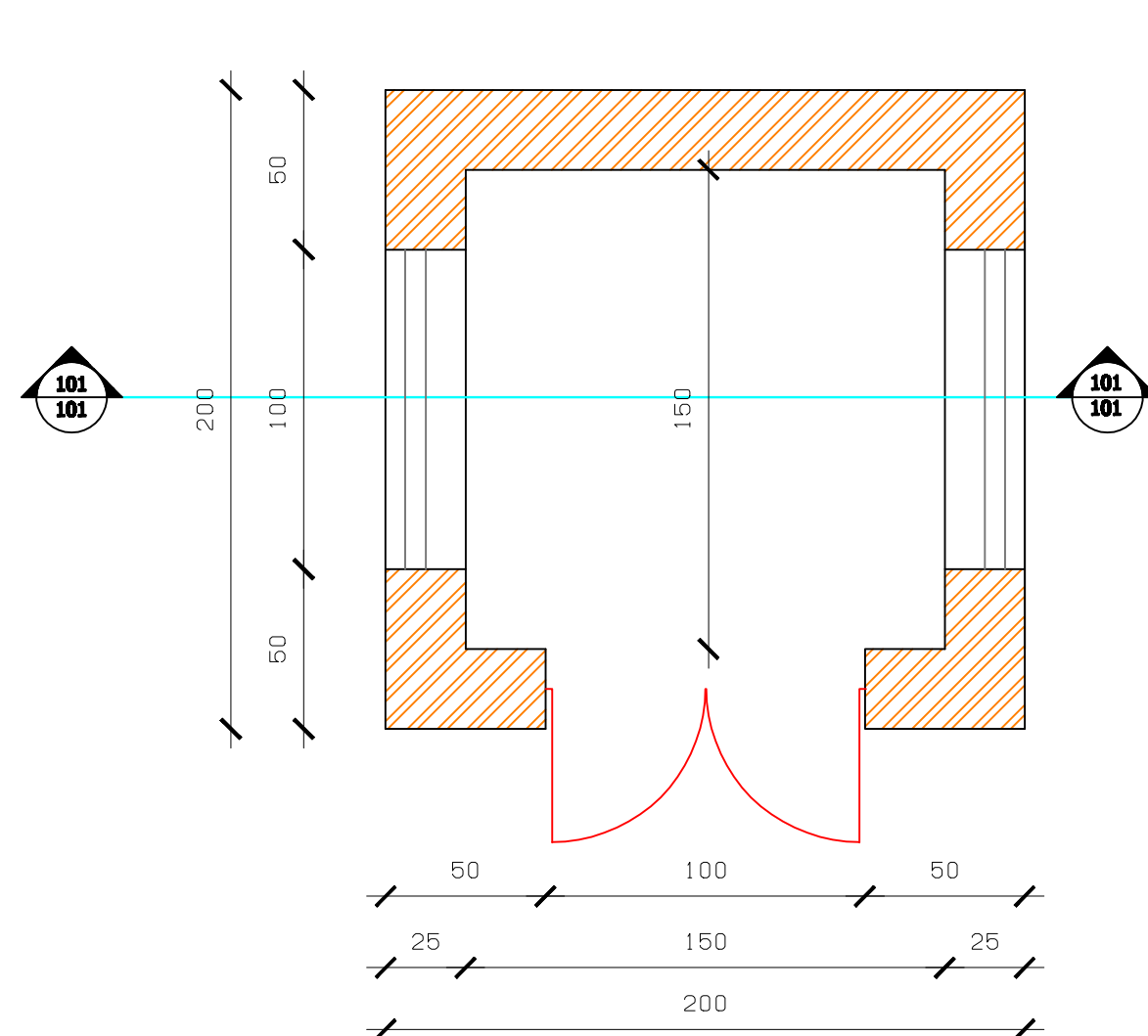
# Site Plan



Drawing Title: Site Plan	Actions	Name	Position/Organization	Project Name:FDZ Park
	Draw by:		RE RAMP-UP-N	
	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 1/10	Reviewed by:		project Engineer	Date: Sep. 2012
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	

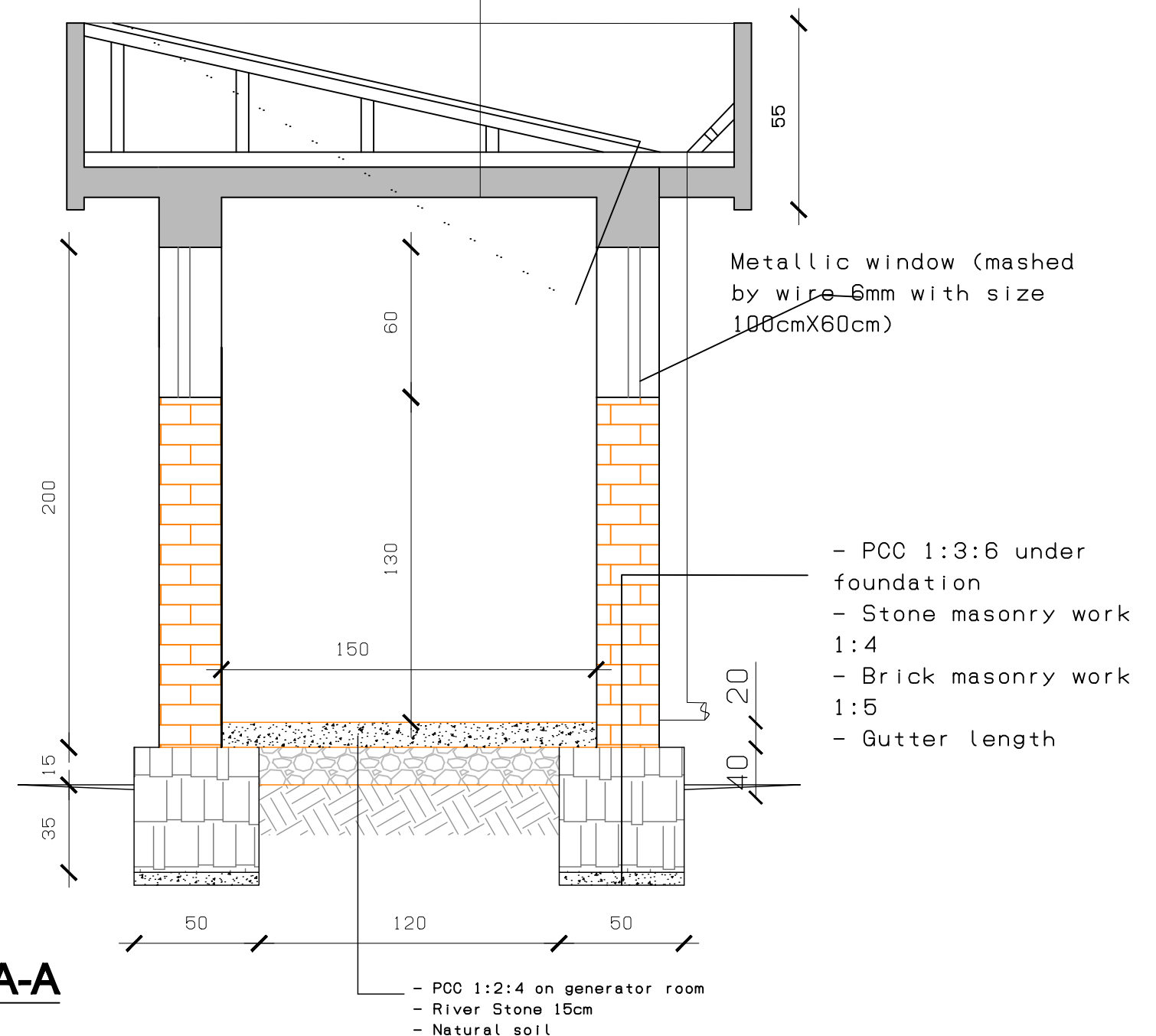


Iron Sheet 24 gauge
Board 25cm, after 10cm distance
profile (40*40 mm)18G for tress
Insulation by brick=10cm
RCC Slab=12cm
Plaster=2cm

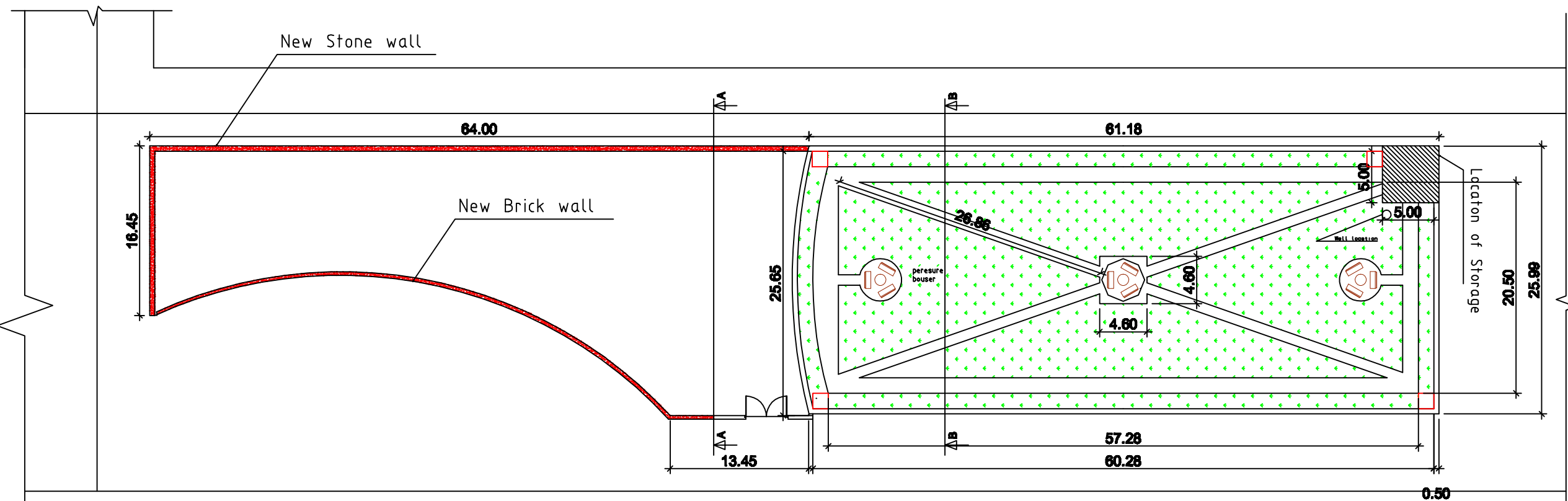
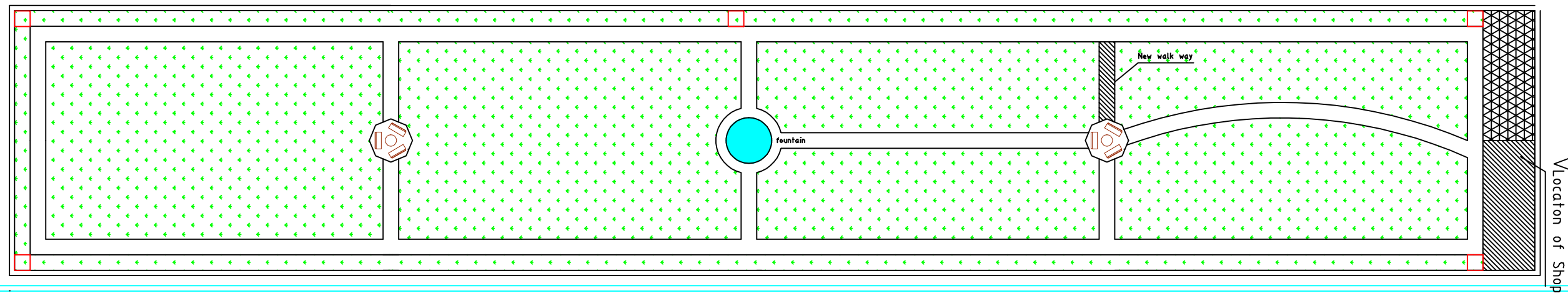


**Generator Room**

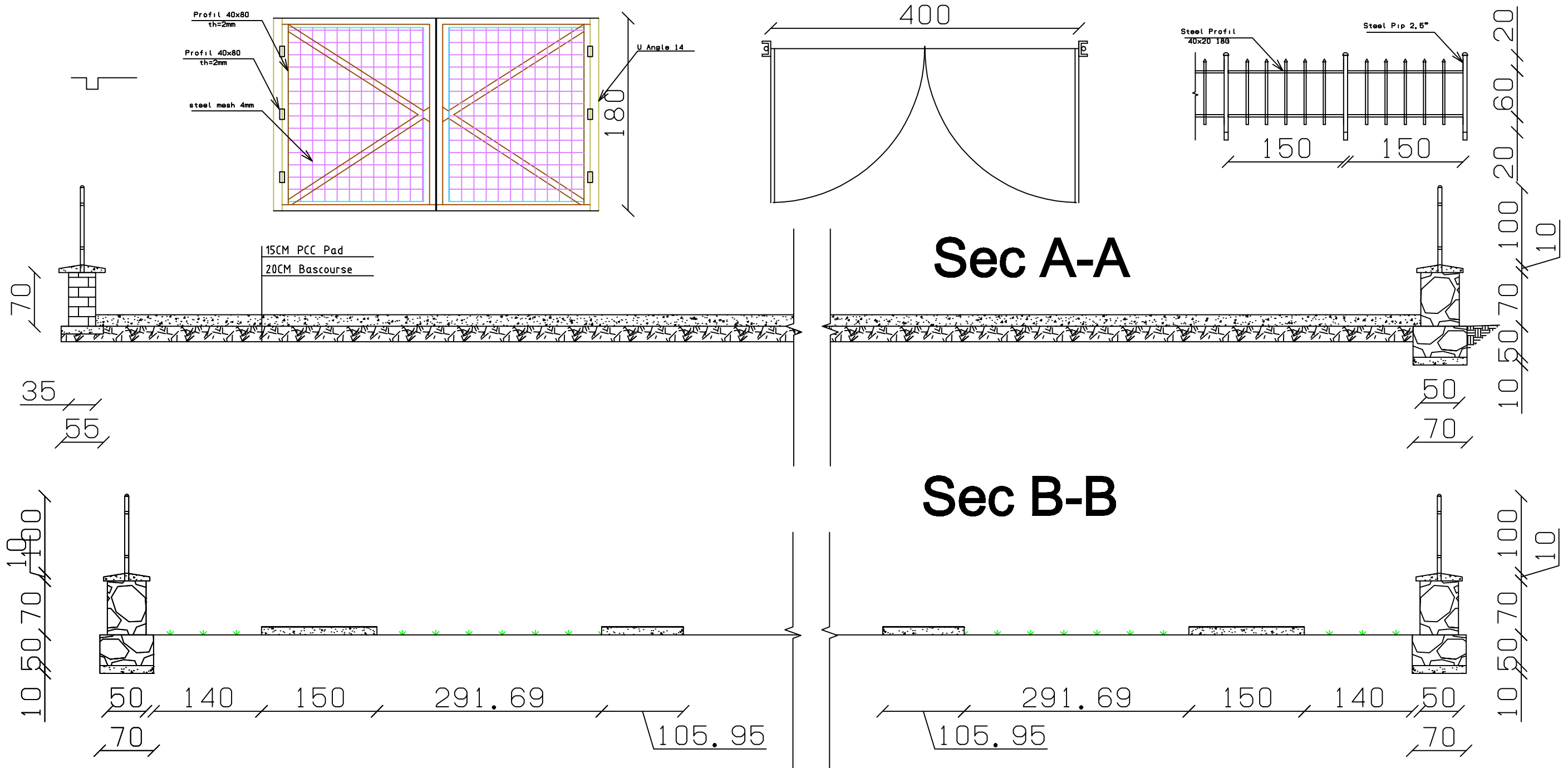
**Section A-A**



Drawing Title: Generator Room	Actions	Name	Position/Organization	Project Name:FDZ Park  Date: Sep.2012
	Draw by:		RE RAMP-UP-N	
	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 10/10	Reviewed by:		project Engineer	
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	



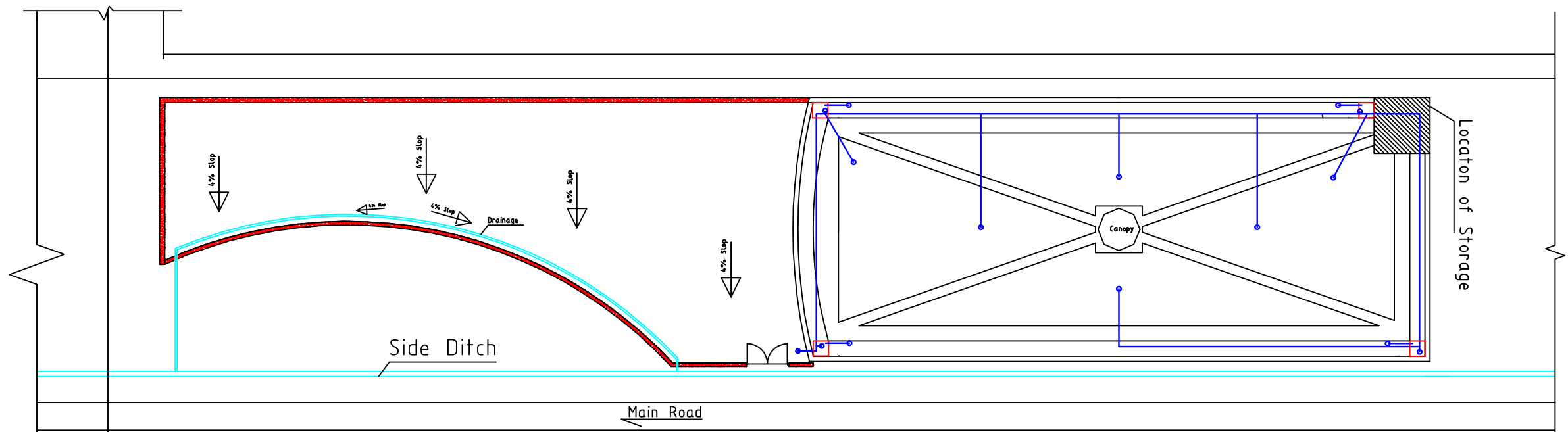
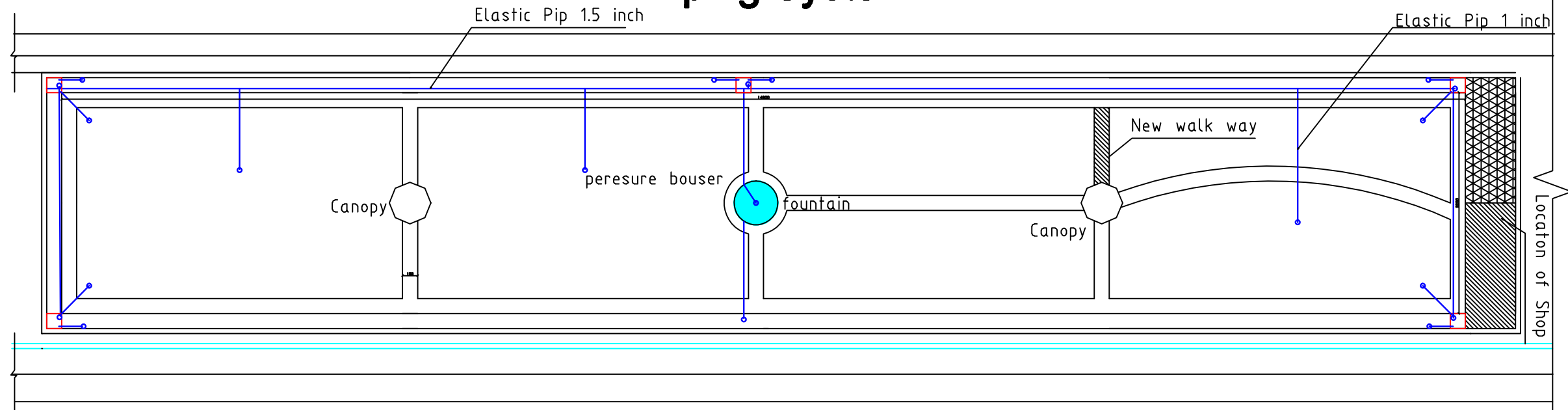
Drawing Title: Site Plan	Actions	Name	Position/Organization	Project Name:FDZ Park Note Dimensions are in m Date: Sep.2012
	Draw by:		RE RAMP-UP-N	
	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 2/10	Reviewed by:		project Engineer	
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	



Drawing Title: Sections	Actions	Name	Position/Organization	Project Name: FDZ Park  Date: Sep. 2012
	Draw by:		RE RAMP-UP-N	
	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 3/10	Reviewed by:		project Engineer	
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	



# Piping System



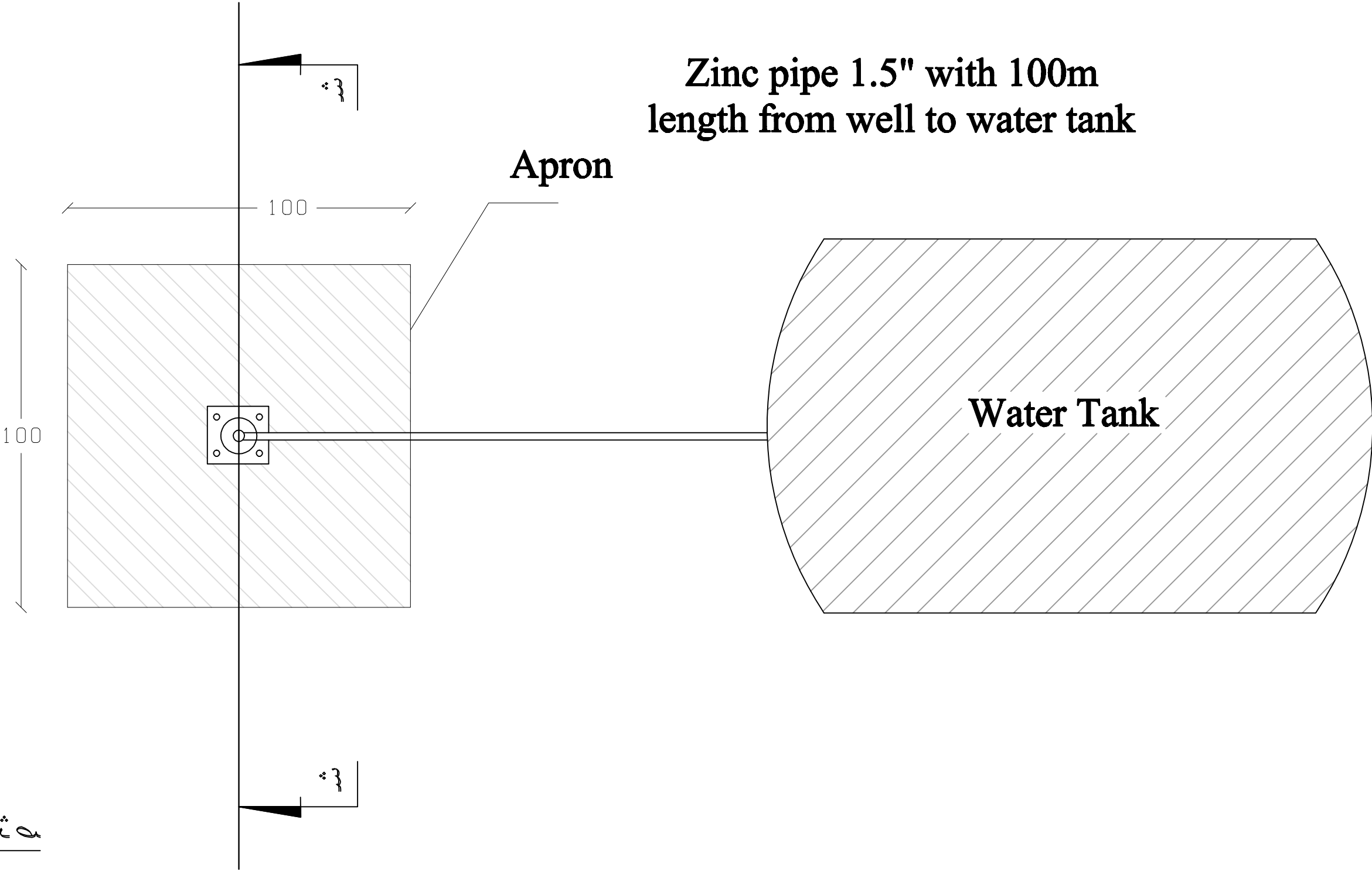
Note: all main pipes are 1.5 inch, all sub pipes are 1 inch, the pipes are elstic (PVC) pips.

Drawing Title: Piping system	Actions	Name	Position/Organization	Project Name:FDZ Park  Date: Sep. 2012
	Draw by:		RE RAMP-UP-N	
	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 4/10	Reviewed by:		project Engineer	
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	

Zinc pipe 1.5" with 100m  
length from well to water tank

Apron

Water Tank



Faizal Qadir

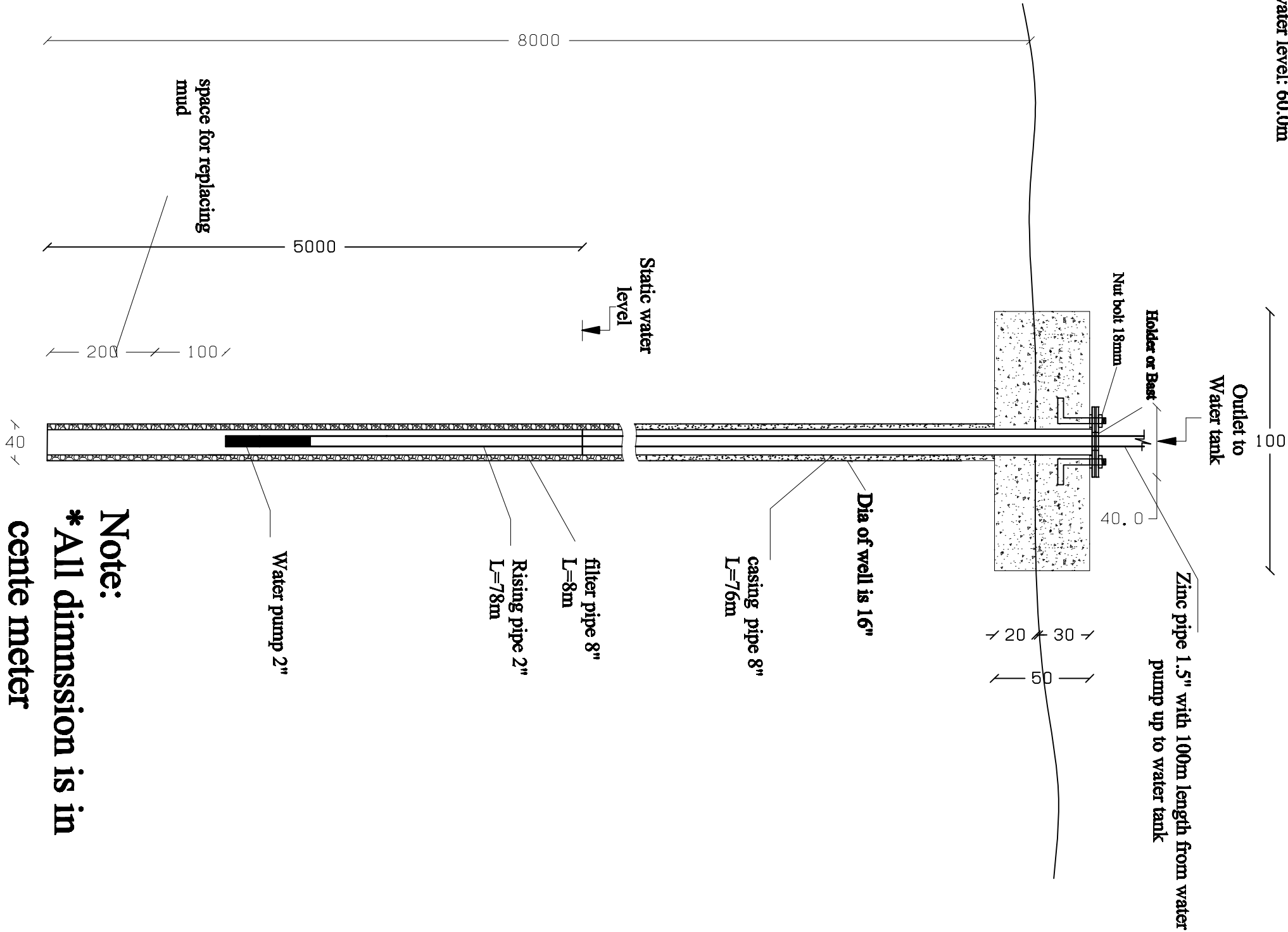
Drawing Title: Site Plan	Actions	Name	Position/Organization	Project Name:FDZ Park
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	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 5/10	Reviewed by:		project Engineer	Date: Sep. 2012
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	



Section A-A

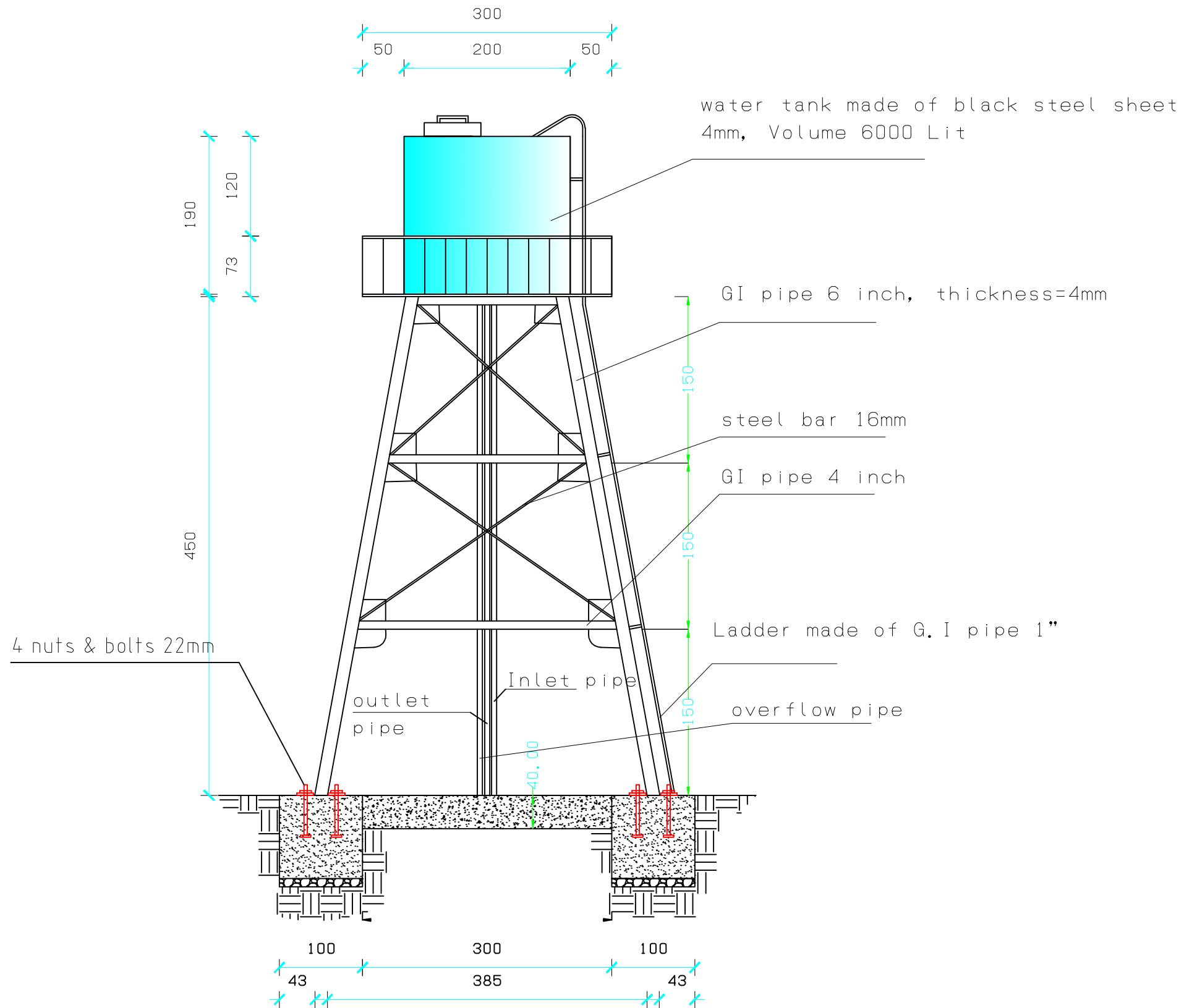
Well Specification:

- 1. Location: Faizabad city
- 2. Depth's well: 80m
- 3. Drilling diameter: 16"
- 4. Kind of casing & screen: PVC pipe 8"
- 5. Static water level: 60.0m



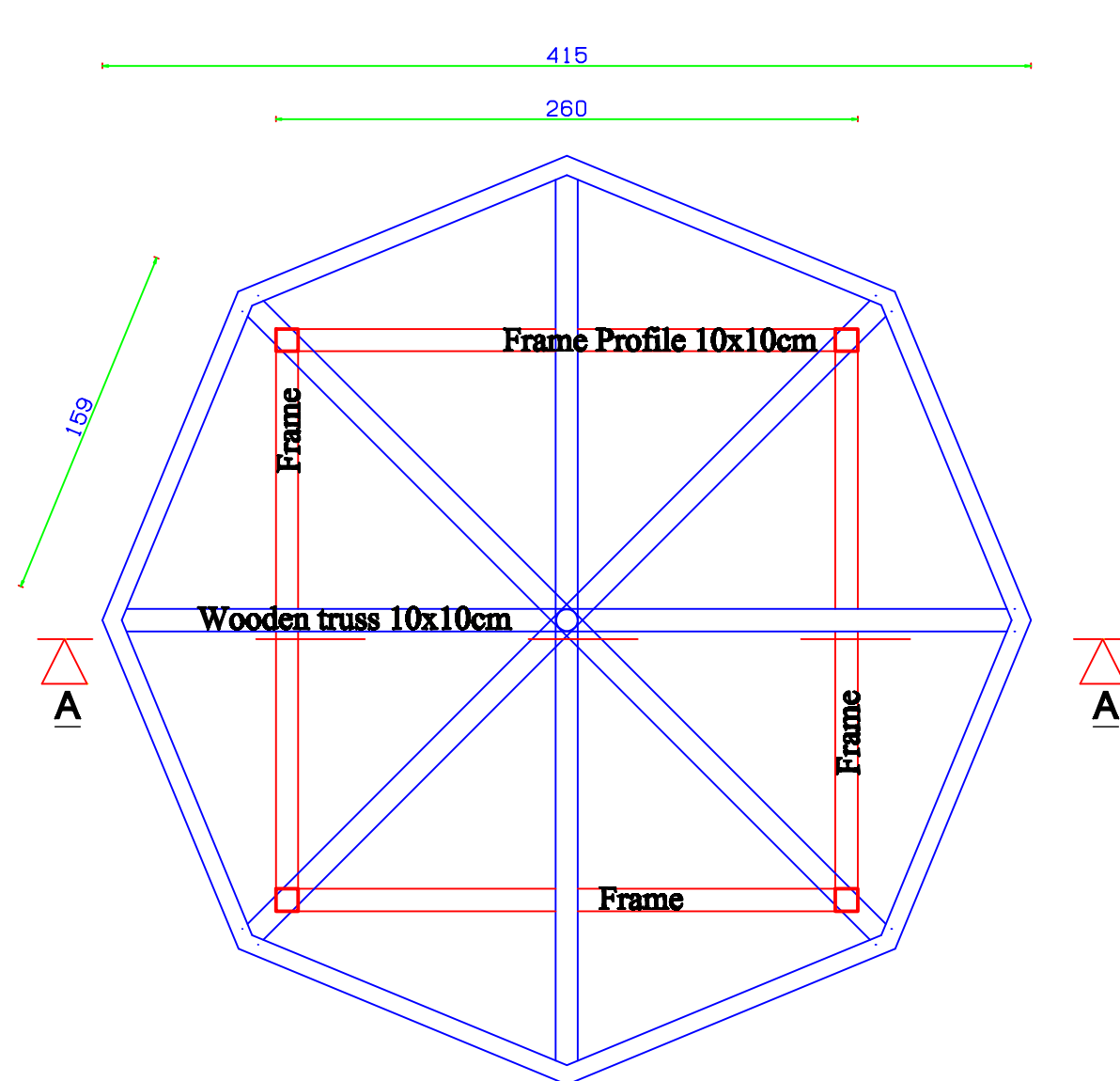
Note:  
\* All dimnssion is in  
cente meter

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	የፍሬዝ ስልጠና ዓላማ	የፍሬዝ ስልጠና ዓላማ	የፍሬዝ ስልጠና ዓላማ	የፍሬዝ ስልጠና ዓላማ
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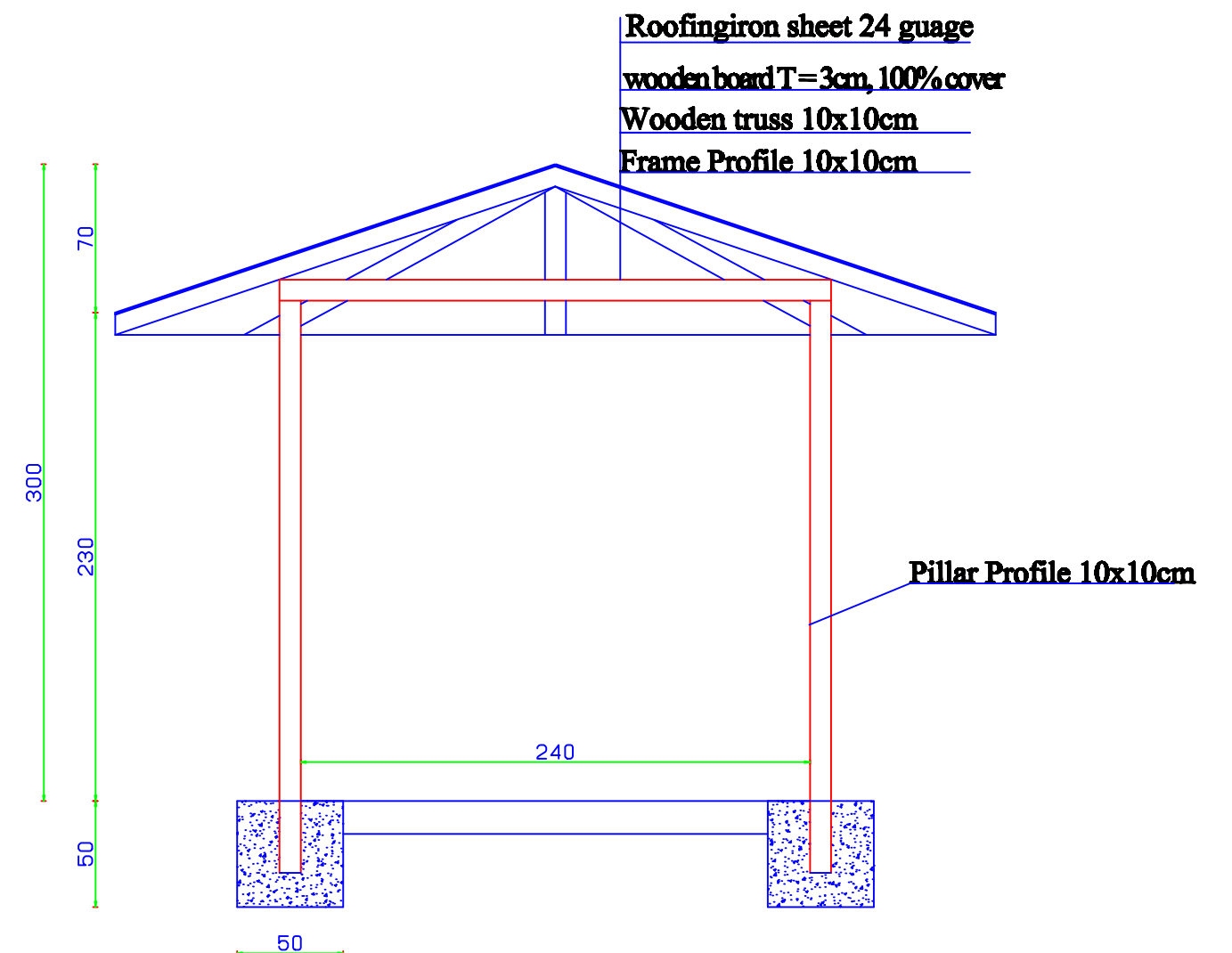


Drawing Title: canopy Plan	Actions	Name	Position/Organization	Project Name:FDZ Park  Date: Sep.2012
	Draw by:		RE RAMP-UP-N	
	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 7/10	Reviewed by:		project Engineer	
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	



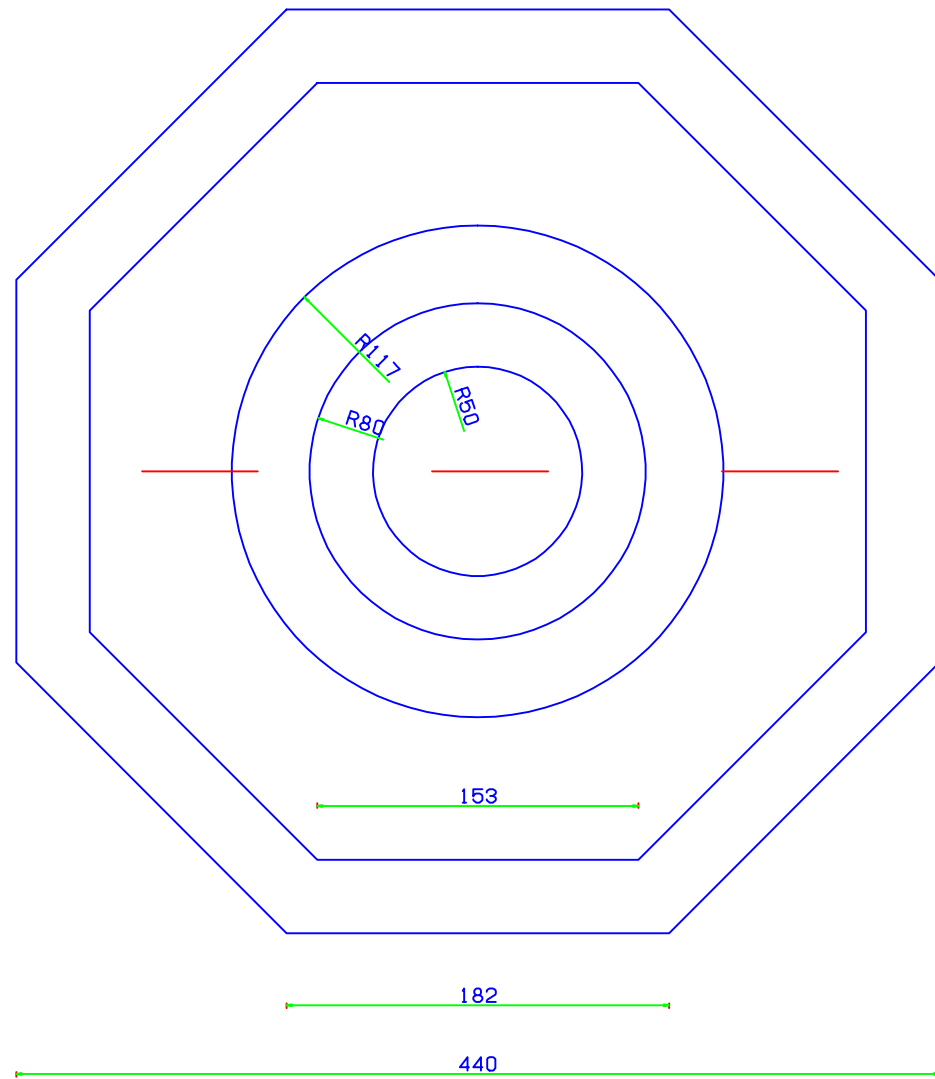


**Umbrella Plan**

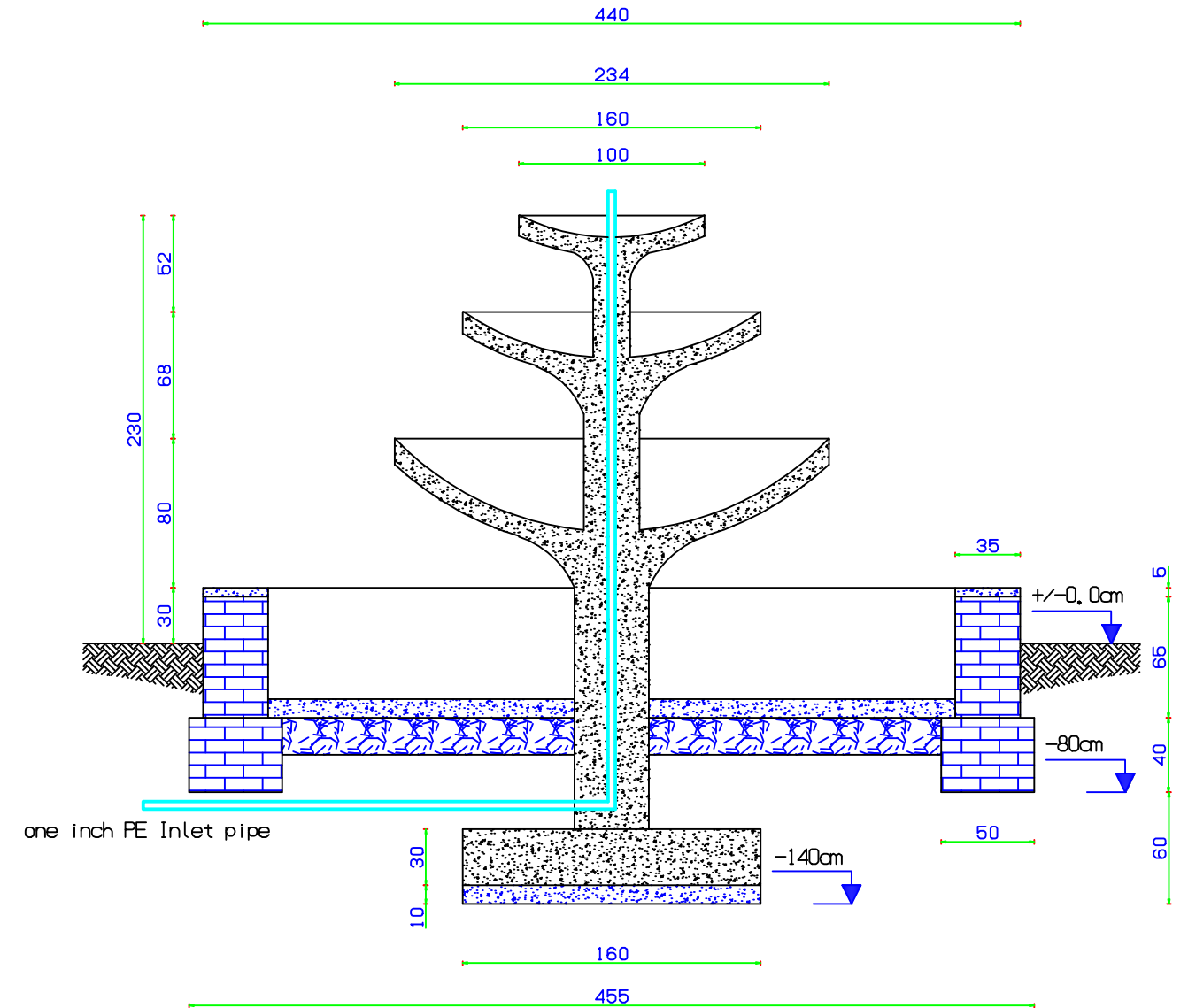


**Section: A - A**

Drawing Title: canopy Plan	Actions	Name	Position/Organization	Project Name:FDZ Park  Date: Sep. 2012
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	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 8/10	Reviewed by:		Project Engineer	
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	



**Fountain Plan**



**Section: A - A**

Drawing Title: Fountain	Actions	Name	Position/Organization	Project Name:FDZ Park
	Draw by:		RE RAMP-UP-N	
	Conceptual Approved by:		Mayor of Faizabad	
	Conceptual Approved by:		Head of Faizabad SDAG	
Drawing Number: 9/10	Reviewed by:		project Engineer	Date: Sep. 2012
	Technical Checked by:		Engineering Director RAMP -UP N	
	Approved by:		Project Manager RAMP -UP N	



## APPENDIX B – RUN-P-FZB-003 PROJECT PROPOSAL

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**Regional Afghan Municipalities Program for Urban Populations**

**(RAMP UP-North)**

**Regional Command North**

**Project Proposal**

**Province:** Badakhshan

**Municipality:** Faizabad

**Project Number:** RUN-P-FZB-003

**Project Name:** Reconstruction of a Park and Construction of a Parking Lot

**Project Duration:** 3 months

**Estimated Project Cost:** \$

**Date:** September 23, 2012

**MGRS Coordinate of Project Area:** 42SXG3917708639

**GPS:**

Latitude: 36. 72816 N

Length: 068. 86839 E

## Problem Statement

The Faizabad Shahar Now Park and parking lot are located beside each other in the center of the new city, however few people currently use the park because of a lack of facilities such as, shaded areas, benches, adequate lighting, coffee shops and little greenery due to a lack of an irrigation system. As mentioned because of lack of enough facilities in the park, citizens do not use the park and on the other hand lack of parking lot in nearby streets causing traffic jams and inconveniencing citizens in the neighborhood.

## Solution Statement

On June 25, 2012, the Service Delivery Advisory Group (SDAG) and Public Administration Advisory Group (PAAG) met to select the third round project with participation from 34 people (33 from the SDAG, including 26 men and 7 women and 1 municipal official). The joint SDAG and PAAG meeting prioritized and voted upon a number of potential projects. After a technical assessment of the possible projects, the reconstruction of the park and construction of a parking lot was selected. The project includes:

- Construction of a 1,080 square meter parking lot
- Drilling of a semi deep water well and modern water plumbing system
- Chairs for visitors
- Mosaic tiled sidewalks
- Three canopies with three benches
- One water fountain

The Municipality will contribute the greening of the park, which includes planting trees, flowers and other plants.

**Note:** This proposed project would also benefit the municipality by ensuring the long-term sustainability of a public latrine project which was built nearby by the German Provincial Reconstruction Team. During discussions about public latrines as part of preparations for the Round 2 Faizabad Public Latrine project, RAMP UP North advisors found that two other public latrines which were built by the German PRT were not working at that time. After discussions with Mayor about the sustainability of the public latrines in Faizabad, the Mayor hired one person to operate the latrines and supplied water to the latrine through a water tanker. This proposed park improvement and parking lot construction project would also contribute to ensuring that these latrines are available to the public, because water from the park's water well can supply the latrine and ensure that it is available and functioning for visitors to the park and parking lot.

## Beneficiaries:

The direct beneficiaries of the project are estimated at 9,340 citizens of the city of Faizabad (6,320 men and 3,020 women) and indirect beneficiaries would include citizens from the rural areas of the province who come into the city to use the park.

## Scope of Work

### A. Methodology

Specifications for the parking construction, as agreed upon during the SDAG meeting, would include:

- Construction of parking lot in 12 meters square for 100 cars with canopy and boundary wall.
- Reconstruction of the park including drilling of one semi deep water well and water pump.
- Installation of a 6000 L water tank with a 6m tower.
- Generator house including power system for water pump.



Following the Reconstruction of Park and construction of parking lot, the municipality will contract the operation, management and maintenance of park and parking lot to the private sector in a public-private partnership agreement.

#### **B. Goods and Services Requested**

A subcontractor will be selected for the reconstruction of park and construction of parking lot, drilling of water well and the requirements for construction will be:

- Site preparation (filling, leveling, watering, and other activities as per the requirements of the site) according to the design drawings and including the demolishing.
- Building the required park improvements and constructing a parking lot, including reinforced concrete floors, walls with burnt bricks, painted doors, ceilings, roof, and electrical system.

All subcontractors for RUN activities are required to hire local laborers for all unskilled labor positions. These laborers will be hired from within the community of the nearby villages and beneficiaries of RUN activities. The subcontractor shall be responsible for providing documentation of the number of both skilled and unskilled laborers and number of days worked.

### C. Cost Estimation

BoQ for Renovation of Park Faizabad City, Afghanistan										
S/N	Activities	No	Length (M)	Width (M)	Depth (M)	Detailed Quantity	Unit	Quantity	Unit Rate AFS	Total Cost in AFS
1	Site Preparation, Mobilization (Clearing and leveling of the site and layout of the buildings)						LS	1.00		0.00
2	Excavation of foundations for parking boundary wall						M <sup>3</sup>	41.08		0.00
a	South side and east side of parking foundation	1	80	0.7	0.6	33.60				
b	North side, parking wall	1	68	0.55	0.2	7.48				
h	Total of excavation					41.08				
3	Stone of walls and foundation						M3	28.00		0.00
a	Stone of foundations for south and east.	1	80	0.7	0.5	28.00				
3	Pointing of stone masonry work						M <sup>2</sup>	112.00		0.00
a	pointing both side of wall	2	80	0.7		112.00				
b	Total of stone work					112.00				
4	PCC for foundations and walkways						M <sup>3</sup>	32.37		0.00
a	South side and east side of parking foundation	1	80	0.7	0.1	5.60				
b	North side, parking wall	1	68	0.55	0.1	3.74				
c	On the cap of south and east wall	1	80	0.5	0.125	5.00				
d	On the cap of north wall	1	68	0.35	0.125	2.98				
e	For canopy's base	4	13.8		0.15	8.28				
f	Central canopy	1	4.6	4.6	0.15	3.17				

g	Extended walk ways to canopies	1	12	1.5	0.2	3.60				
h	Total of PCC					<b>32.37</b>				
5	<b>Leveling (grading) and compaction of parking area (the existing materials might be use as base course material for the pad)</b>						M <sup>2</sup>	1080.00		0.00
a	Parking area	1	1080			1080.00				
b	Total grading					<b>1080.00</b>				
6	<b>PCC M200 (1:2:4) for Parking pad ( at firs the area has to be cover with wooden frame work 3x4m after leveling the PCC might be allow to pure.</b>						M <sup>3</sup>	162.00		0.00
a	Parking area	1	1080		0.15	162.00				
b	Total PCC					<b>162.00</b>				
7	<b>Brick masonry work</b>						M <sup>3</sup>	16.66		0.00
a	North side, parking wall	1	68	0.35	0.7	16.66				
b	Total of brick masonry work					<b>16.66</b>				
8	<b>Plastering</b>						M <sup>2</sup>	95.20		0.00
a	Extended walk ways to canopies	2	68		0.7	95.20				
b	Total of plaster work					<b>95.20</b>				
8	<b>Painting of brick wall</b>						M <sup>2</sup>	95.20		0.00
a	Parking area	2	68		0.7	95.20				
b	Total of plaster work					<b>95.20</b>				
9	<b>Steel gate for parking lot</b>						M <sup>2</sup>	12.00		0.00
a	Provision and installation of 4x2m steel gate with all related activities all complete	1	12		1	12.00				
b	Total of steel door					12.00				
10	<b>steel railing on new walls (including anti oxide paint and oil paint all complete)</b>						M <sup>2</sup>	148.00		0.00
a	All boundary wall of parking lot	1	148		1	148.00				



<b>b</b>	Total steel railing					<b>148.00</b>				
<b>11</b>	<b>Installation of Terrazzo stone, thickness 3 cm.</b>									
a	The sidewalks to be sprayed cement water, terrazzo stone (30x30) cm with 1:3 cement sand mortar to be placed in perfect Thickness of terrazzo stone: min 3 cm Color: choice of client. (50x24)						M2	1000.00		0.00
<b>12</b>	<b>Making and installation of double chair</b>									
a	Making and installation of 3 double chair with 150cm length, frame made of Russian angle iron 2" with fixing of 8 Nos polished timbers (150x10x6)cm with painting and fixing in concrete base placed around 1 round table with 60cm radius as instructed by client all complete.						No	5.00		0.00
<b>13</b>	<b>Making and placing of Canteen</b>									
a	Making and placing of a cabin (300x200x220) cm made of wood covered by galvanized iron sheet as canteen with making of required shelves as instructed by client all complete.						No	1.00		0.00
<b>14</b>	<b>Water supply</b>									
a	Drilling of 16" water well						m	80.00		0.00
b	Lowering of 8" casing, filter pips class D kawser with all related activities including crush aggregate for backfilling of filter pips all complete.						m	80.00		0.00
c	Construction of aprone on the water well (1x1)m						No	1.00		0.00
d	Provision and installation of 1.25" Italian pedrolo water pump including electrical cable all complete.						No	1.00		0.00
e	Excavation for plumbing from water well to water storage & from Storage to park paths including all requirements, W=60cm, D=80cm and backfilling with fine sand.						m	453.00		0.00
f	GI pipe 1.5 inch from the water tank to reservoirs and park with all required fittings all complete.						m	303.00		0.00
g	GI pipe 1 inch from the reservoirs and main pipe with fittings all required fittings all complete.						m	173.00		0.00

h	Supply and Installation of overhead water tank (6000 liter capacity and steel sheet T 4 mm) with 6 meter height from the ground, GI pipe 4 inch for poles, metallic frame, painting, insulation, piping works, overflow, valve, wash pipe, foundation work: excavation PCC, RCC ring and all other related activities.	No	1.00		0.00
i	Construction of Generator room as per drawing all complete	No	1.00		0.00
j	Provision and installation of Japanese 5kw petrol generator	No	1.00		0.00
15	<b>Construction of 1.5x1.5x0.8m water reservoir</b>	No	9.00		0.00
a	Construction of RCC (water reservoir) water storage with all requirements				
16	<b>Construction of new fountain</b>	No	1.00		0.00
a	Construction of new fountain including construction of octagonal basin and sculpture as per the drawing specification, installation of 1" submersible water pump, connection with the water and electricity sources and painting with all required activities, all complete and functional.				
<b>Total cost AFS</b>					<b>0.00</b>
<b>Total cost USD</b>		<b>49.5</b>			<b>0.00</b>

## **Involvement and Leadership of Municipal Staff in Project Selection, Development, Implementation & Monitoring and Evaluation**

The Municipality, through the Mayor, has taken a leadership role in this project from the start by working closely with Department for Urban Development, citizens from the SDAG and with RU-N staff. The project concept has been verified by Municipal Departments, including the Service Sector, Construction Department and Cleaning Department, following the project selection by the SDAG on June 25, 2012. During the meeting, Municipal officials also worked with the SDAG to draft the proposed scope of work for this project.

On ,5 August2012, Municipal Officials and the RU-N team visited the site to conduct a site survey and specify the exact location of the new parking lot. During this visit, these participants also defined the final scope of work for the project. The RU-N team in cooperation with the Municipal construction department also developed project designs and estimations of the project cost. The Mayor of Faizabad and the Head of Municipal Construction have both committed to lead municipal monitoring, evaluation, and oversight of this project along with the SDAG monitoring committee.

### **Level of Public Participation**

The SDAG held a meeting on June 25, 2012, with 23 members of civil society (20 men and 3 women) attending, where all members jointly identified the reconstruction of park and construction of a parking lot as a priority of the community. At the meeting participants drafted a Service Improvement Plan and discussed plans for the sustainability of the project.

On ,26 September2012, the SDAG Procurement/Transparency, Communication and Survey Committees members pledged to play an active role in the implementation of the projects. SDAG members have committed to monitoring the reconstruction of park and construction of parking lot.

### **Activity Objectives**

- Improve communication and relationships between the Mayor/Municipal officials and citizens.
- Improve the participation of citizens, especially marginalized groups such as women and youth, in decision making processes related to the planning, design, implementation, and monitoring of municipal services.
- Improve the public's perception of the Municipality's ability to deliver sustainable services.
- Improve and increase delivery of municipal services to all citizens, particularly through access to parks and recreational services.
- Increase the capacity of the Faizabad Municipality in project implementation.
- Increase revenue generation and the sustainability of municipal service delivery.
- Easing traffic congestion

### **Sustainability and Maintenance:**

RU-N will implement the following activities during the initial 3 months:

- Reconstruction of park and construction of a parking lot with 1080 square meters, 6000 L water tank with a 6m tower.

Apart from the above-mentioned activities, RU-N will provide technical support for quality assurance of project activities and supervision/monitoring of project, including capacity building of municipal staff and elements of revenue enhancement. Also RUN will help the municipality in developing operation and maintenance plan for this project.



#### Municipality and Citizens Contribution (Initial 3 months):

The Municipality contribution includes planting trees and flowers and they will also maintain the park.

Citizens, along with appropriate municipal officials, will also monitor the project during the implementation of the project.

Shop owners in the market area have stated that it is in their interest to ensure that the parking lot is well maintained, and promised to start a committee that will monitor the cleanliness of the park and report back to municipal officials on the conditions that they find.

#### Municipality and Citizens Contribution (after initial 3 months):

The maintenance of the parking lot and park project is an essential issue for the Faizabad Municipality and the SDAG. Both consider the contract of the maintenance, operation and revenue collection for the parking lot and park to the private sector as a critical part of sustainability. It should be mentioned that using of the park is free to public but municipality is going to contract the operation of the parking lot to the private sector which will provide a regular source of revenue to the municipality to maintain & sustain the park and parking lot, as well as quality service to citizens. The partnership will also increase the transparency of the revenue available to the municipality.

The municipality will require the contractor to hire staff for the maintenance of the parking lot and park, and the contractor will pay the wages of these staff from the revenue from the parking lot user fees. The municipality will also specify maintenance and hygiene standards of the parking lot and park as part of a possible public-private partnership agreement. Monitoring of the operation and cleanliness of the parking lot and park will be conducted by the Municipal Cleaning and Greening Department, on a spot check basis as determined by the municipality.

#### Estimated Salary of Staff/ Maintenance Cost of parking lot:

Item	Quantity	Unit Cost/Month	Overtime/Month	Total Cost/Month	Annual Total Expenses
Cashier/cleaner (male)	1	100 USD		100 USD	1,200 USD
Generator operator and park guard	1	100 USD		100 USD	1,200 USD
Maintenance cost/supply	LS	50 USD		50 USD	600 USD
Electricity and Generator fuel	LS	100 USD		100 USD	1,200 USD
Contractor income		100 USD		100 USD	1,200 USD
<b>Total</b>				<b>450 USD</b>	<b>5,400 USD</b>

Potential revenues from the parking lot has been estimated based on the established user fees and estimated usage rates, along with estimated operations costs (cleaning and cashier staff and maintenance costs) along with a reasonable contractor profit margin. The user fee will be set by the municipality, based on the advice of the SDAG about a reasonable rate, at 20 Afghani (US\$ .40).

The chart below shows the estimated daily/monthly/yearly revenue from the operation of the parking lot.

Quantity	Unit Cost	Daily Revenue	Monthly Revenue	Annual Revenue
60	0.4 USD	24 USD	720 USD	8,640 USD
<b>Total</b>			<b>720 USD</b>	<b>8,640 USD</b>

**SUSTAINABILITY ANALYSIS  
FOR  
PARKING LOT AT FAIZABAD NEW CITY BADAKHSHAN PROVINCE**

MONTHLY INCOME			
No. of users daily	Rate per user (US\$)	Total income daily	Total income Monthly
60.00	\$0.40	\$24.00	\$720.00

Monthly expenses					
Description	Unit	Quantity (Daily)	Quantity (month)	Unit cost	Total
Cashier/Cleaner (man)	Person		1.00	\$100.00	\$100.00
Generator operator and park guard	Person		1.00	\$100.00	\$100.00
Maintenance Cost	LS		1.00	\$50.00	\$50.00
Electricity and Generator fuel	LS		1.00	\$100.00	\$100.00
Contractor income			1.00	\$100.00	\$100.00
Total					\$450.00

PROFITABILITY ANALYSIS			
Monthly Income	Monthly Expenses		Monthly profit
\$720.00	\$450.00		\$270.00

### **Revenue Enhancement**

Based on the estimations of the operation costs and regular revenue from the parking lot, a contractor would be able to make a profit from the operation of the parking lot. Given estimations of the contractor's operating costs, including a reasonable profit for the contractor, the Municipality can charge up to \$3,240 from the contractor on an annual basis for the operation of the parking lot, which will increase municipal revenue.

### **Capacity Development**

The project also includes capacity building of municipal officials and citizens representatives at different stages. Capacity development focused/will focus on the topics below:

- Project selection
- Project development
- Project procurement
- Project implementation
- Project monitoring
- Opportunity for Public-private partnerships

### **Unique Aspects of Project**

- The construction of a parking lot for the first time in Faizabad city will provide a safe area for vehicles;
- The municipality will establish a possible public-private partnership agreement for operating the parking lot;
- Construction of a park facilitates a place for recreation for youths in Faizabad City.

### **Photos**

**Photos below display exact location of the field for the parking lot and park.**

